



PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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of

11

Complete if Known

Application Number	10/750,409
Filing Date	December 30, 2003
First Named Inventor	Meulenberg et al.
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	2183-4041.4US

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
MH ↓ V		#US-3,137,631	06/1964	Soloway	
		#US- 3,959,457	05/1976	Speaker et al.	
		#US- 4,015,100	03/1997	Gnanamuthu et al.	
		#US- 4,205,060	05/1980	Monsimer et al.	
		#US- 4,452,747	06/1984	Gersonde et al.	
		#US- 4,606,940	08/1986	Frank et al.	
		#US- 4,744,933	05/1988	Rha et al.	
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		#US- 4,944,948	07/1990	Uster et al.	
		#US- 5,008,050	04/1991	Cullis et al.	
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		#US- 6,268,199	07/2001	Meulenberg et al.	
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Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
MH ↓ V		#EP 0 440 219 A1	08/1991	Schviz, Serum- & ImpfInstitut Bern		
		#0 529 584	8/1892	Boehringer Ingelheim Animal Health Inc.		
		#EP 0595436 A2	10/1983	Iowa State University Research Foundation, Inc.		
		#EP 0732340	3/1996	Akzo Nobel N.V.		
		#EP 0 835 930 A1	04/1998	Akzo Nobel N.V.		
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		#WO 93/06211	04/1993	Benfield		
		#WO 93/14196	07/1993	Brun		
		#WO 94/18311	08/1994	Iowa State University Research Foundation Inc.		
		#WO 95/28227	10/1995	Children's Hospital of Philadelphia		
		#WO 96/36356	11/1996	Boehringer Ingelheim Corporation		
		#WO 96/40932	12/1996	Halbur		
Examiner Signature		/Myron Hill/		Date Considered	09/28/2006	

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**INFORMATION DISCLOSURE
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Sheet

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Application Number	10/750,409
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Group Art Unit	To be assigned
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Attorney Docket Number	2183-4041.4US

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MH		#US- 5,476,778	12/1995	Chladek et al.	
		#US- 5,510,258	4/1996	Sanderson et al.	
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MH		#0 587 780	3/1994	Stichting Centraal Diergeneeskundig Instituut		
		#0 610 250	12/1995	Akzo Nobel N.V.		
		#2 282 881	4/1995	Cyanamid Iberica S A		
		#2289279	11/1995	Cyanamid Iberica S A		
		#WO 92/21375	12/1992	Stichting Centraal Diergeneeskundig Instituut		
		#WO 93/03760	3/1993	Collins et al.		
		#WO 98/04010	2/1998	Regents of the University of Minnesota		
		#WO 98/06819	3/1998	Paul et al.		
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		#WO 98/18933	5/1998	Bos-De Ruijter		
		#WO 98/50426	11/12/1998	Stichting Instituut voor Dierhouderij en Diergezondheid		
		#WO 98/55626	12/1998	Origen, Inc.		
		#WO 00/53787	09/2000	Stichting Dienst Landbouwkundig Onderzoek		
		#WO 02/095040 A1	11/2002	ID-Lelystad, Instituut voor Dierhouderij en Diergezondheid B.V.		
		WO 93/07898	04/1993	Akzo N.V.		

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/Myron Hill/

Date
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09/28/2006

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/750,409		
		Filing Date	December 30, 2003		
		First Named Inventor	Meulenberg et al.		
		Group Art Unit	To be assigned		
		Examiner Name	To be assigned		
Sheet	3	of	11	Attorney Docket Number	2183-4041.4US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Examiner Signature	/Myron Hill/	Date Considered	09/28/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	December 30, 2003
		First Named Inventor	Meulenberg et al.
		Group Art Unit	To be assigned
		Examiner Name	To be assigned
		Attorney Docket Number	2183-4041.4US
Sheet	4	of	11

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MH		#Duran et al., "Recombinant Baculovirus Vaccines Against Porcine Reproductive And Respiratory Syndrome (PRRS)", <u>Abstracts PRRS</u> , August 9th to 10th, 1995, Copenhagen, Denmark, 2 pages.	
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✓		#Loula, Timothy, "Mystery Pig Disease", <u>Agri-Practice</u> , Vol. 12, No. 1, pp. 29-34, Jan/Feb 1991, 7 pages.	

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Sheet 5 of 11

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		#Polson DD, "Answers to Your Questions on PRRS", NOBL Laboratories, 18 pages.	
		#Polson DD, "RespPRRS A PRRS Vaccine Review", NOBL Laboratories, 22 pages.	

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Signature

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MH		#Polson et al., "An evaluation of the financial impact of Porcine Reproductive and Respiratory Syndrome (PRRS) in nursery pigs", <u>Proceedings of the 13th International Pig Veterinary Society Congress</u> , p. 31, June 1994.	
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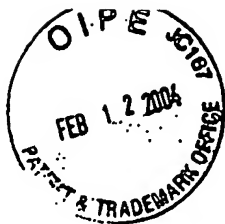
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Examiner Signature	/Myron Hill/	Date Considered	09/28/2006
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/750,409
				Filing Date	December 30, 2003
				First Named Inventor	Meulenberg et al.
				Group Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	8	of	11	Attorney Docket Number	2183-4041.4US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Sheet	9	of	11	Attorney Docket Number	2183-4041.4US

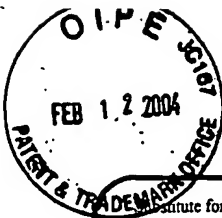
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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		Application Number	10/750,409
		Filing Date	December 30, 2003
		First Named Inventor	Meulenberg et al.
		Group Art Unit	To be assigned
		Examiner Name	To be assigned
Sheet 10 of 11	Attorney Docket Number	2183-4041.4US	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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MH		#PCT International Preliminary Examination Report, PCT/NL02/00314, dated August 26, 2003, 7 pages.	
		#NC_001961, Porcine reproductive and respiratory syndrome virus, complete genome.	
		#AF066183, Porcine reproductive and respiratory syndrome virus RespPRRS MLV, complete genome.	
		#AF325691, Porcine reproductive and respiratory syndrome virus isolate NVSL 97-7985 IA 1-4-2, complete genome.	
		#AF176348, Porcine reproductive and respiratory syndrome virus isolate PA8 complete genome.	
		#AF331831, Porcine reproductive and respiratory syndrome virus BJ-4, complete genome.	
		#AE005172, Arabidopsis thaliana chromosome 1, top arm complete sequence.	
		#NC_002534, Lactate dehydrogenase-elevating virus, complete genome.	
		#U87392, Porcine reproductive and respiratory syndrome virus strain VR-2332, complete genome.	
		#M96262, Lelystad virus, complete genome.	
		#AF184212, Porcine reproductive and respiratory syndrome virus strain SP, complete genome.	
		#AF159149, Porcine reproductive and respiratory syndrome virus isolate MLV RespPRRS/Repro, complete genome.	
		#AF046869, Porcine reproductive and respiratory syndrome virus isolate 16244B, 2/18/97 (Nebraska)pass.3, complete genome.	
		#U15146, Lactate dehydrogenase-elevating virus Plagemann strain, complete genome.	
		#VIIIth International Symposium on Nidoviruses (Corona and Arteriviruses), May 20-25, 2000.	

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MH		MENGELING et al., Mystery Pig Disease: Evidence and considerations for its etiology, In: Proceedings of the Mystery Swine Disease Committee Meeting, October 6, 1990, Denver, Colorado, Livestock Conservation Institute, Madison, WI, USA.	
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Serial No.: 09/874,626

Filed: 6/5/2001

For: INFECTIOUS CLONES OF RNA VIRUSES AND VACCINES AND DIAGNOSTIC ASSAYS DERIVED THEREOF, which application is being relied upon for an earlier filing date under 35 U.S.C. § 120.

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